

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A ceramic heater for a semiconductor producing/examining device comprising:

- a ceramic substrate;
- a resistance heating element formed on ~~the~~ a surface of said ceramic substrate,
- wherein irregularities are formed on ~~the~~ a side face of said resistance heating element,

and

said irregularities on the side face have a variation between maximum and minimum points of 100  $\mu$ m or less.

Claim 2 (Canceled).

Claim 3 (Original): The ceramic heater according to claim 1,  
wherein said resistance heating element is formed to be drawn as a curve.

Claim 4 (Original): The ceramic heater according to claim 1,  
wherein said ceramic substrate is a carbide ceramic or a nitride ceramic.

Claims 5-6 (Canceled).

Claim 7 (Original): The ceramic heater according to claim 3,  
wherein said ceramic substrate is a carbide ceramic or a nitride ceramic.

Claim 8 (Canceled).

Claim 9 (New): The ceramic heater according to claim 1,  
wherein the ~~size~~ variation of said irregularities on the side face is 0.05 to 100  $\mu\text{m}$ .

Claim 10 (New): The ceramic heater according to claim 1,  
wherein said resistance heating element is formed by sintering metal particles.

Claim 11 (New): The ceramic heater according to claim 1,  
wherein said ceramic heater comprises an insulating layer on a surface of said ceramic  
substrate.

Claim 12 (New): The ceramic heater according to claim 1,  
wherein said resistance heating element comprises a pattern of concentric circles;  
the combination of concentric circle-like shapes and the winding line shape; a spiral;  
eccentric circles or winding lines.